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**DATE:** March 21, 2005  
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**TO:** Shane Bomar  
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**COMPANY:** USPTO  
**FROM:** William B. Patterson  
**PAGE(S) with cover:** 9  
**ORIGINAL TO FOLLOW?**  YES  NO

**RESPONSE TO FINAL OFFICE ACTION DATED JANUARY 21, 2005**

**TITLE:** METHODS AND APPARATUS TO CONTROL DOWNHOLE  
TOOLS  
**U.S. SERIAL NO.:** 10/725,124  
**FILING DATE:** December 1, 2003  
**INVENTOR:** Thomas F. Bailey  
**EXAMINER:** Shane Bomar  
**GROUP ART UNIT:** 3672  
**CONFIRMATION NO.:** 2618

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Atty. Dkt. No. WEAT/0173.C1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Thomas F. Bailey

Serial No.: 10/725,124

Confirmation No.: 2618

Filed: December 1, 2003

For: METHODS AND APPARATUS  
TO CONTROL DOWNHOLE  
TOOLS

Group Art Unit: 3672

Examiner: Shane Bomar

Customer No. 36735

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Dear Sir:

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I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on <u>21 March 2005</u> , <u>William B. Patterson</u> Signature	
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34,102 Registration No., if applicable	

## RESPONSE TO FINAL OFFICE ACTION DATED JANUARY 21, 2005

In response to the Final Office Action dated January 21, 2005, having a shortened statutory period for response set to expire on April 21, 2005, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/WEAT/0173.C1, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper. **Remarks/Arguments** begin on page 5 of this paper.